

BOTRYSTOP® WP

Biofungicide

ACTIVE INGREDIENT:

Ulocladium oudemansii (U3 Strain)¹ 45.00%

OTHER INGREDIENTS: 55.00%

TOTAL: 100.00%

¹Contains not less than 8 X 10⁷ cfu/g of product

KEEP OUT OF REACH OF CHILDREN WARNING - AVISO

Si usted no entiende la etiqueta, busque a alguien para que se la explique a usted en detalle.
(If you do not understand the label, find someone to explain it to you in detail.)

FIRST AID

If in eyes: • Hold eye open and rinse slowly and gently with water for 15-20 minutes.
• Remove contact lenses, if present, after the first 5 minutes, then continue rinsing eye.
• Call a poison control center or doctor for treatment advice.

HOT LINE NUMBER

Have a product label or container with you when calling a poison control center or doctor, or going for treatment.
For medical emergencies, call the Poison Control Center at 1-800-222-1222.

STORAGE AND DISPOSAL

Do not contaminate water, food or feed by storage or disposal,

PESTICIDE STORAGE: Store in a cool, dry place at or below 68° F (20° C). Store in original container only. Keep container tightly closed when not in use.

PESTICIDE DISPOSAL: Wastes resulting from use of this product must be disposed of on site or at an approved waste disposal facility.

CONTAINER HANDLING: Nonrefillable container. Do not reuse or refill this container. Completely empty bag into application equipment. Then offer for recycling if available or dispose of empty bag in a sanitary landfill or by incineration. Do not burn unless allowed by state and local ordinances. If burned, stay out of smoke.

EPA Reg. No. 68539-17

EPA Est. No. 68539-NY-001



For use in organic production.

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BioWorks®

Manufactured by:
BioWorks, Inc.
100 Rawson Road
Suite 205
Victor, NY 14564
800.877.9443
bioworksinc.com

PRECAUTIONARY STATEMENTS

HAZARDS TO HUMANS AND DOMESTIC ANIMALS

WARNING: Causes substantial but temporary eye injury. Do not get in eyes or on clothing. Wear protective eyewear. Wash thoroughly with soap and water after handling and before eating, drinking, chewing gum, using tobacco, or using the toilet. Remove and wash contaminated clothing before reuse

PERSONAL PROTECTIVE EQUIPMENT (PPE)

Applicators and other handlers must wear long-sleeved shirt and long pants, protective eyewear, waterproof gloves, and shoes plus socks. Mixer/loaders and applicators must wear a NIOSH approved particulate respirator with any R or P filter with NIOSH approval number prefix TC-84A; or a NIOSH approved powered air purifying respirator with an HE filter with NIOSH approval number prefix TC-21C. Repeated exposure to high concentrations of microbial proteins can cause allergic sensitization. Follow the manufacturer's instructions for cleaning / maintaining PPE. If no such instructions for washables exist, use detergent and hot water. Keep and wash PPE separately from other laundry.

ENGINEERING CONTROLS

When handlers use closed systems, enclosed cabs, or aircraft in a manner that meets the requirements listed in the Worker Protection Standard (WPS) for agricultural pesticides (40 CFR 170.240(d)(4-6)), the handler PPE requirements may be reduced or modified as specified in the WPS.

USER SAFETY RECOMMENDATIONS

Users should remove clothing/PPE immediately if pesticide gets inside. Then wash thoroughly and put on clean clothing. Users should remove PPE immediately after handling this product. Wash the outside of gloves before removing as soon as possible, wash thoroughly and change into clean clothing.

ENVIRONMENTAL HAZARDS

For Terrestrial Uses: Do not apply directly to water, or to areas where surface water is present, or to intertidal areas below the mean highwater mark. Do not contaminate water when disposing of equipment washwater or rinsate.

DIRECTIONS FOR USE

It is a violation of Federal law to use this product in a manner inconsistent with its labeling. For any requirements specific to your State or Tribe, consult the agency responsible for pesticide regulation. Do not apply this product in a way that will contact workers or other persons, either directly or through drift. Only protected handlers may be in the area during application.

AGRICULTURAL USE REQUIREMENTS

Use this product only in accordance with its labeling and with the Worker Protection Standard, 40 CFR part 170. This standard contains requirements for the protection of agricultural workers on farms, forests, nurseries and greenhouses, and handlers of agricultural pesticides. It contains requirements for training, decontamination, notification, and emergency assistance. It also contains specific instructions and exceptions pertaining to the statements on this label about personal protective equipment (PPE) and restricted-entry interval. The requirements in this box only apply to uses of this product that are covered by the Worker Protection Standard.

Do not enter or allow worker entry into treated areas during the restricted entry interval (REI) of 4 hours.

PPE requirement for early entry to treated areas that is permitted under the Worker Protection Standard and that involves contact with anything that has been treated, such as plants, soil, or water, is: coveralls, waterproof gloves and shoes plus socks.

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USE RESTRICTIONS: Do not apply this product through any type of irrigation system.

PRODUCT INFORMATION

BotryStop WP is a biological control agent developed specifically for the control of *Botrytis cinerea*, *Sclerotinia sclerotiorum* and other organisms listed in the Application Rates section in this label. BotryStop WP is a live spore preparation of a non-pathogenic saprophytic fungus. BotryStop WP acts as a biological control agent by competing for the same ecological niche as the plant pathogens *Botrytis cinerea*, *Sclerotinia sclerotiorum* and other organisms listed in the Application Rates section in this label. When BotryStop WP spores are deposited on the dead and senescent plant debris they germinate and colonize the dead tissue. Additional sporulation can occur on the developing mycelium and these new spores may colonize remaining debris. BotryStop WP aggressively out competes *Botrytis* spp. and *Sclerotinia* spp. for the physical space and nutrients in the dead and senescing plant tissue; it is a true antagonist. BotryStop WP is non-invasive and causes no damage to live plant tissue. With this mechanism of action, it is highly unlikely that resistance to BotryStop WP will develop.

INTEGRATED PEST MANAGEMENT

Use of BotryStop WP in an integrated plant health management strategy and following best management practices (or practices known to reduce disease development) makes it less likely that disease will establish. Specific IPM strategies developed for your crop and location may be available from the Extension Service or other local agricultural authorities.

MIXING AND APPLICATION INSTRUCTIONS

MIXING: Dilute BotryStop WP with water and apply using conventional spray equipment. Partially fill the spray tank with clean water and begin agitation. Add the specified amount of BotryStop WP to the tank. Finish filling the tank to the desired volume to obtain the proper spray concentration. Add a surfactant or a non-ionic adjuvant to improve product wetting/ spreading. Maintain agitation continuously while spraying. Use spray mixture immediately. Do not allow spray mixture to stand overnight or for prolonged periods.

APPLICATION: Apply BotryStop WP using conventional spray equipment to achieve thorough coverage and wetting of plant surfaces but not to run-off. The amount of spray suspension to apply will vary depending on the type of crop. Most row crops will require up to 100 gallons of spray per acre.

COMPATIBILITY: BotryStop WP may be tank mixed with some fungicides. Do not tank mix BotryStop WP with more than one product. Consult specific product labels for additional information or restrictions concerning tank mixing. Observe the most restrictive of the labeling limitations and precautions of all products used in mixtures. It is always advisable to conduct a spray compatibility test when you plan to mix this product with another product. To determine the physical compatibility of this product with other products, use a jar test. Using a quart jar, add the proportionate amounts of the products to approximately one quart of water with agitation. Add dry formulations first, then flowables, and then emulsifiable concentrates last. After thorough mixing, allow this mixture to stand for 5 minutes. If the combination remains mixed or can be readily remixed, it is physically compatible. Once compatibility has been proven, use the same procedure and sequence for adding products to the spray tank. BotryStop WP has been evaluated for phytotoxicity on a variety of crops under various normal growing conditions. However, testing all crop varieties, in all mixtures and combinations is not feasible. Prior to treating entire crop, test a small portion of the crop for sensitivity.

Refer to application table for additional precautionary statements and directions for use.

Crop	Disease	Lbs Product/Acre	Notes
Asparagus*	<i>Botrytis</i> Blight	2 - 4	Begin application soon after emergence and when conditions are conducive to disease development**. Repeat on 7-to-10-day intervals or as needed.
Berries and Small Fruits , including (except for Grapes, Kiwifruit and Strawberry): Blackberry, Blueberry, Bushberry, Caneberry, Cranberry, Currants, Elderberry, Gooseberry, Huckleberry, Loganberry, Raspberry	<i>Botrytis</i> Blight; Mummy Berry* (<i>Monilinia vacciniicorymbosi</i>)	2 - 4	Apply during early bloom and repeat on a 7-to-10-day interval or as needed.
Bulb Vegetables* , including: Garlic, Leeks, Onions, Shallots	<i>Botrytis</i> Leaf Blight; <i>Botrytis</i> Neck Rot; <i>Botrytis squamosa</i> ; <i>Botrytis</i> spp.	2 - 4	Begin application when conditions are conducive to disease development**. Repeat on 7-to-10-day intervals or as needed.
Citrus Fruits* , including: Calamondin, Citrus citron, Citrus hybrids, Grapefruit, Kumquat, Lemon, Lime, Mandarin, Orange (sour and sweet), Pummelo, Satsuma mandarin	<i>Botrytis cinerea</i>	2 - 4	Begin application when conditions are conducive to disease development**. Repeat on 7-to-10-day intervals or as needed.
Cucurbit Vegetables* , including: Cucumbers, Melons, Squash, Zucchini	Gray Mold (<i>Botrytis cinerea</i>)	2 - 4	Begin application when conditions are conducive to disease development**. Repeat on 7-to-10-day intervals or as needed.
Fruiting Vegetables* , including: Eggplant, Okra, Pepper, Tomato, Tomatillo	Gray Mold (<i>Botrytis cinerea</i>)	2 - 4	Begin application when conditions are conducive to disease development**. Repeat on 7-to-10-day intervals or as needed.
Grapes	Gray Mold (<i>Botrytis cinerea</i>)	2 - 4	Apply at early and late bloom, then again when the berries are pea-sized, and finally at pre-bunch closure. Spray onto vines ensuring the bunch zone is well covered.
Kiwifruit*	Gray Mold (<i>Botrytis cinerea</i>); <i>Sclerotinia sclerotiorum</i>	2 - 4	Make applications at 30% and 80% flowering. Do not apply after the bloom period.
Leafy Vegetables* , including: Broccoli, Cabbage, Celery, Collards, Lettuce, Spinach	<i>Sclerotinia</i> Head and Leaf Drop; <i>Sclerotinia</i> spp.; <i>Botrytis cinerea</i>	2 - 4	Begin application when conditions are conducive to disease development**. Repeat on 7-to-10-day intervals or as needed.

Crop	Disease	Lbs Product/Acre	Notes
Legumes*, succulent and dried , including: Field beans, Lentils, Peas, Peanuts, Soybeans	<i>Sclerotinia sclerotiorum</i> ; <i>Sclerotinia</i> Stem Rot	2 - 4	Begin application when conditions are conducive to disease development**. Repeat on 7-to-10-day intervals or as needed.
Ornamental Plants*	Gray Mold (<i>Botrytis cinerea</i>); <i>Xanthomonas</i>	2 - 4	Ornamentals grown in nurseries and greenhouses. Begin application when conditions are conducive to disease development**. Repeat on 7-to-10-day intervals or as needed.
Bedding Plants*	Gray Mold (<i>Botrytis cinerea</i>); <i>Xanthomonas</i>	2 - 4	Bedding Plants grown in nurseries and greenhouses. Begin application when conditions are conducive to disease development**. Repeat on 7-to-10-day intervals or as needed.
Passionfruit*	Gray Mold (<i>Botrytis cinerea</i>); <i>Sclerotinia sclerotiorum</i>	2 - 4	Begin application when conditions are conducive to disease development**. Repeat on 7-to-10-day intervals or as needed.
Pome Fruits* , including: Apple, Crabapple, Loquat, Mayhaw, Pear, Pear (oriental), Quince	<i>Erwinia amylovora</i>	2 - 4	Apply at early and late bloom. For extended bloom periods, apply on a 7-to-10-day interval.
Root, Tuber and Corm Vegetables* , including: Beets, Carrots, Cassava, Ginger, Potato, Radish, Sugar beets, Sweet potato, Yams	Gray Mold (<i>Botrytis cinerea</i>); <i>Sclerotinia sclerotiorum</i>	2 - 4	Begin application when conditions are conducive to disease development**. Repeat on 7-to-10-day intervals or as needed.
Stone Fruits , including: Apricot, Cherry (sweet and tart), Nectarine, Peach, Plum, Plumcot, Prune (fresh)	Brown Rot Blossom Blight (<i>Monilinia</i> spp.) Jacket Rot; Green Fruit Rot (<i>Botrytis cinerea</i>); <i>Monilinia</i> spp.; <i>Sclerotinia sclerotiorum</i>	2 - 4	Apply at early and late bloom. For extended bloom periods, apply on a 7-to-10-day interval.
Tree nuts* , (except for Almond) including: Beech nut, Brazil nut, Butternut, Cashew, Chestnut, Chinquapin, Filbert (hazelnut), Hickory nut, Macadamia nut, Pecan, Walnut, (Black and English)	Brown Rot Blossom Blight (<i>Monilinia</i> spp.) Jacket Rot; Green Fruit Rot (<i>Botrytis cinerea</i>); <i>Monilinia</i> spp.; <i>Sclerotinia sclerotiorum</i>	2 - 4	Apply at early and late bloom. For extended bloom periods, apply on a 7-10 day interval.

Crop	Disease	Lbs Product/Acre	Notes
Almond	Brown Rot Blossom Blight (<i>Monilinia</i> spp.) Jacket Rot; Green Fruit Rot (<i>Botrytis cinerea</i>); <i>Monilinia</i> spp.; <i>Sclerotinia sclerotiorum</i>	2 - 4	Apply at early and late bloom. For extended bloom periods, apply on a 7-to-10-day interval.
Strawberries	Gray Mold (<i>Botrytis cinerea</i>); <i>Botrytis</i> Blight; Mummy Berry* (<i>Monilinia vaccinicorymbosi</i>)	2 - 4	Begin application at or before flowering. Repeat on 7-to-10-day intervals or as needed up until harvest.
Other Tobacco*, Hemp*, Flowers, edible*	Gray Mold (<i>Botrytis cinerea</i>); <i>Botrytis</i> Blight; Blossom Blight (<i>Monilinia</i> spp.); <i>Sclerotinia sclerotiorum</i>	2 - 4	Begin application at or before flowering. Repeat on 7-to-10-day intervals or as needed up until harvest.

Notes:

* Not approved for use in California

** See Product Information section for description of when conditions are conducive to disease development

WARRANTY

BioWorks warrants to those persons lawfully purchasing this product that at the time of the first sale of this product by Seller that this product conformed to its description and was reasonably fit for the purpose stated on the label when used in accordance with Seller's directions. Buyers and users of this product assume the risk of any use contrary to such directions. EXCEPT AS PROVIDED ELSEWHERE IN WRITING CONTAINING AN EXPRESS REFERENCE TO THIS WARRANTY AND LIMITATION OF DAMAGES, SELLER MAKES NO OTHER EXPRESS OR IMPLIED WARRANTY OR GUARANTY, INCLUDING ANY OTHER EXPRESS OR IMPLIED WARRANTY OF FITNESS OR OF MERCHANT-ABILITY AND NO AGENT OF SELLER IS AUTHORIZED TO DO SO.

To the extent consistent with applicable law, BioWorks offers this product with the following conditions:

1. Buyers and users of this product assume the risk of any storage, handling or use contrary to BioWorks' label and directions and
2. BioWorks' liability shall in no case exceed the purchase price of the applicable BioWorks product.

In Case of Emergency: Call CHEMTREC: (800) 424-9300

01-20220613EPA

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Biofungicide

ACTIVE INGREDIENT:

Ulocladium oudemansii (U3 Strain)¹45.00%

OTHER INGREDIENTS:

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Manufactured by:
BioWorks, Inc.
100 Rawson Road
Suite 205
Victor, NY 14564
800.877.9443
bioworksinc.com

Best if used by:
Lot No.:

Net Weight:



12 Lb



30 Lb

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